

- 13 -

Claims

1. A method of transgenic fowl construction using germline spermatogonial cells for transfer of genetic information in fowl strain, characterized in that the testicles only of an acceptor cock are irradiated with gamma rays repeatedly and externally, whereafter, the so treated preserved but now sterile testicles of this acceptor cock are colonized by foreign germline spermatogonial cells of a donor cock, which cells then produce sperms that store all genetic information of the donor cock, whereby, the sperms are able to fertilize hens after their insemination, whereby, transgenic fowl offsprings provided to $\frac{1}{2}$ with the donor cock genetic information are breed.
2. A method according to Claim 1 characterized in that said testicles of said acceptor cock are irradiated with gamma rays up to the absorbed dose of at least 8 Gy, what is carried out 3-times to 9-times, always in 3 to 9 day intervals.
3. A method according to Claim 1 characterized in that said testicles of said acceptor cook are irradiated with gamma rays up to the absorbed dose 8 Gy always in week intervals.